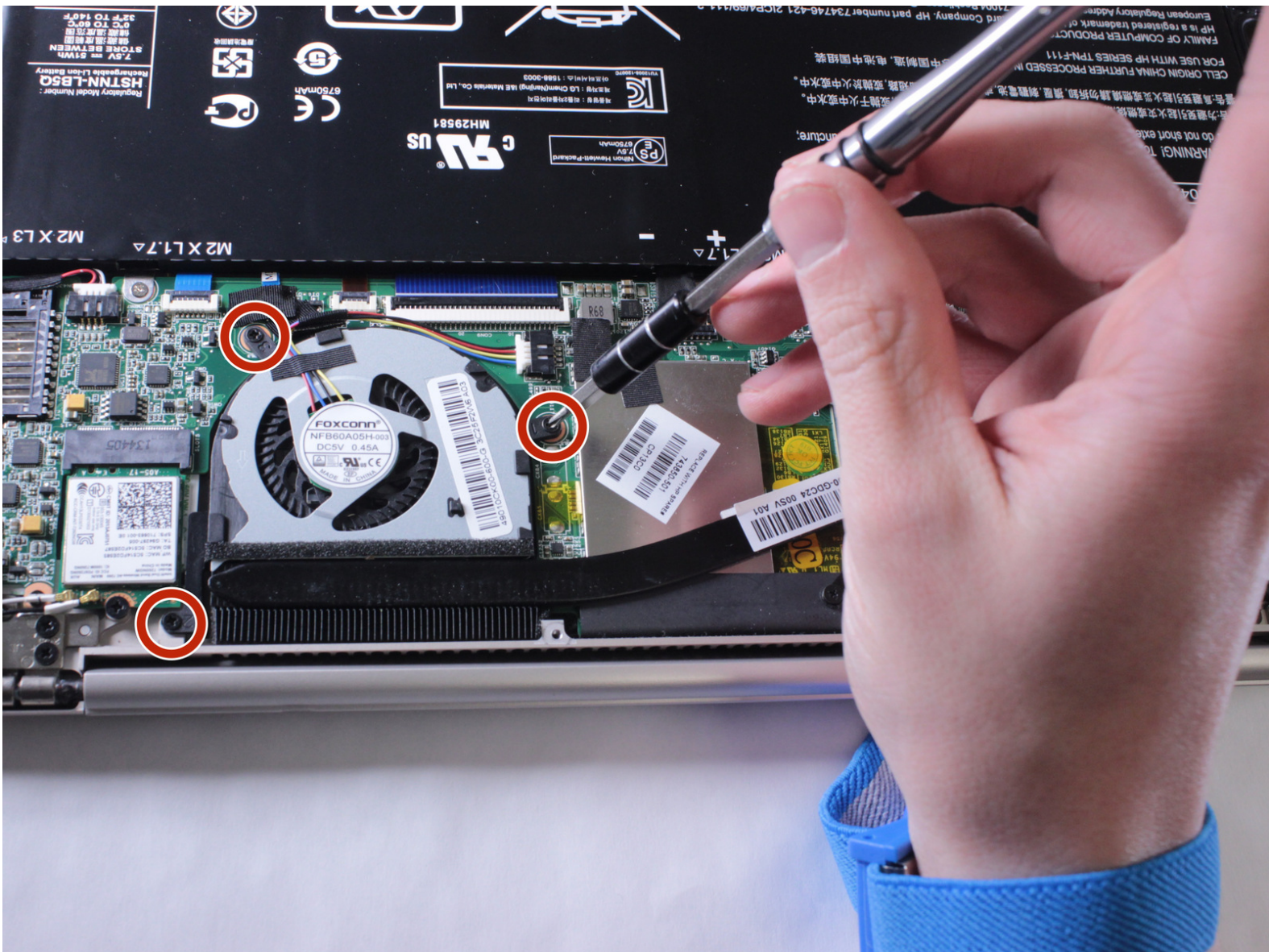




# HP Spectre 13-3010dx Fan Replacement

Use this guide to replace your laptop's broken fan.

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## INTRODUCTION

This guide will aid you in replacing your faulty fan. Make sure you are wearing the Anti-Static Wrist Strap and remove the battery before beginning this guide to avoid any damage to your computer.

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### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Anti-Static Wrist Strap](#) (1)
  - [T4 Torx Screwdriver](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Removal of the Back Case



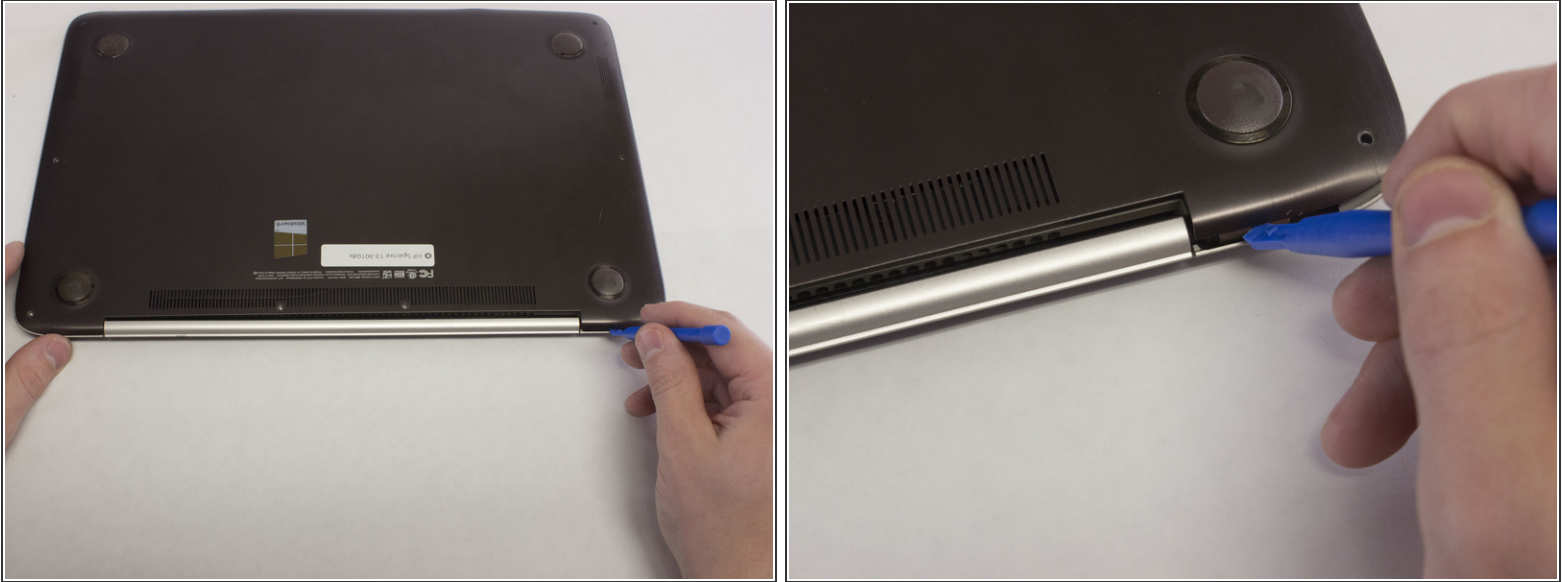
- Put on Anti Static Wrist Strap.

 It is always a good idea to ground yourself when working with electronics to prevent static buildup. You wear this strap to protect you and your device from accidental electrostatic discharge (ESD) damage during repairs.]

- Flip Computer Upside down.
- Unscrew the eight 3.3mm black screws on the back casing with the T4 Torx Screwdriver.

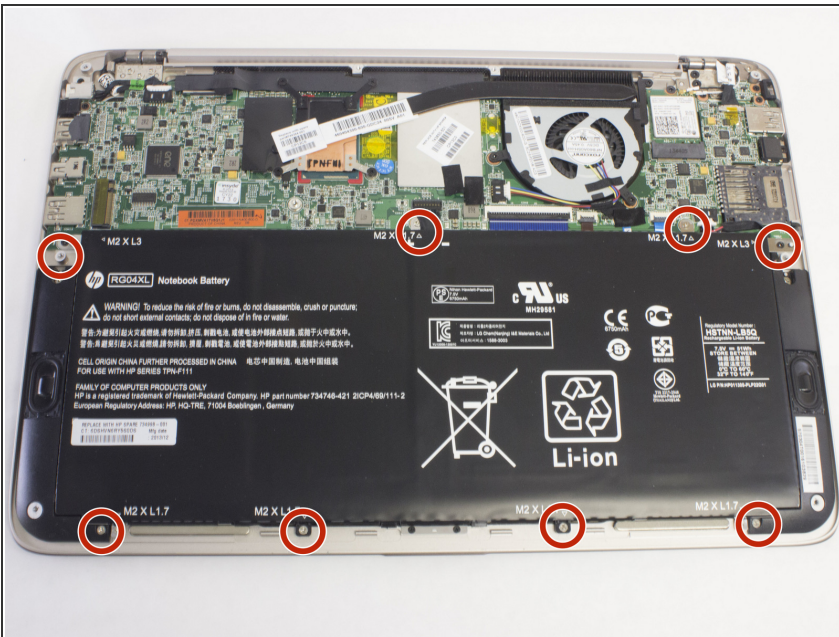


## Step 2



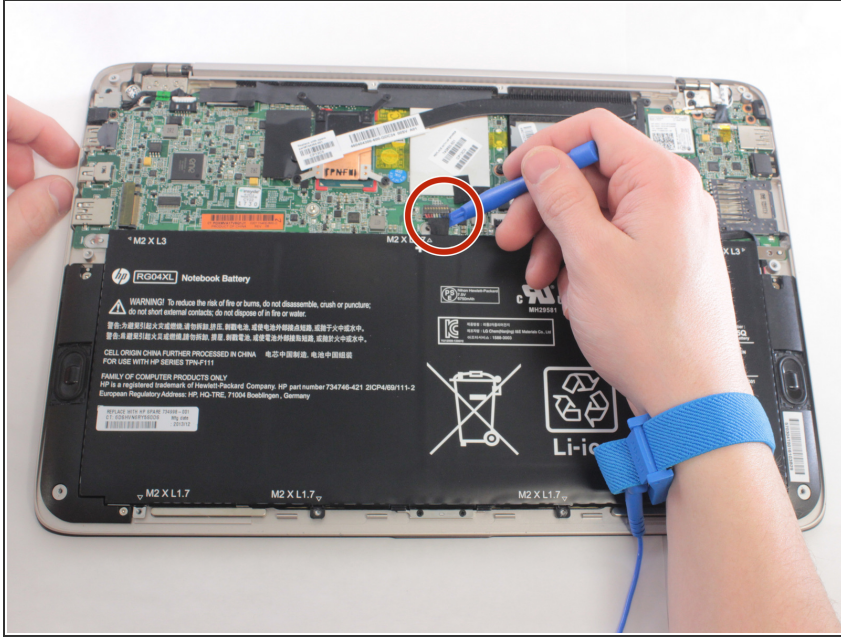
- Use the plastic opening tool to lift the back case off.
- ① Use the plastic opening tools first; metal spudgers can damage your device.

## Step 3 — Battery



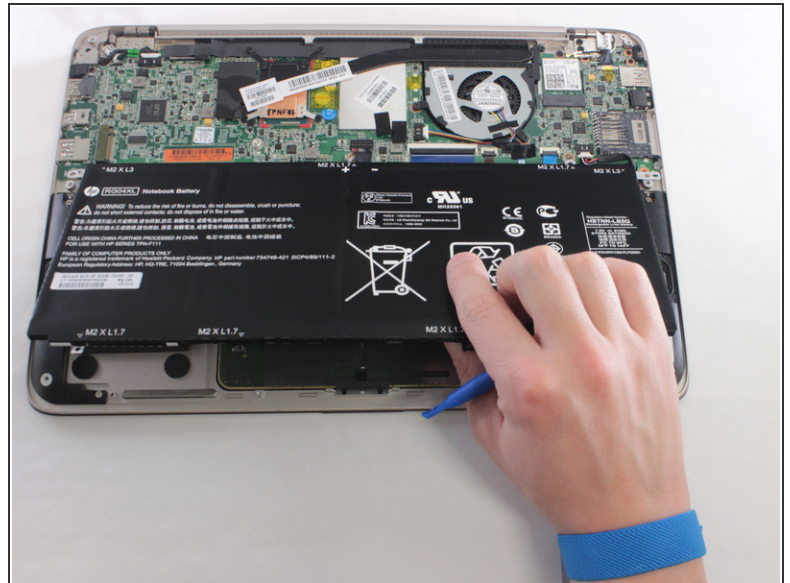
- Remove the six 2.0mm silver screws and the two 3.2 mm black screws using the PH00 Phillips Screw Head.

## Step 4



- Gently unplug from CONO851 plug, using the plastic opening tool.

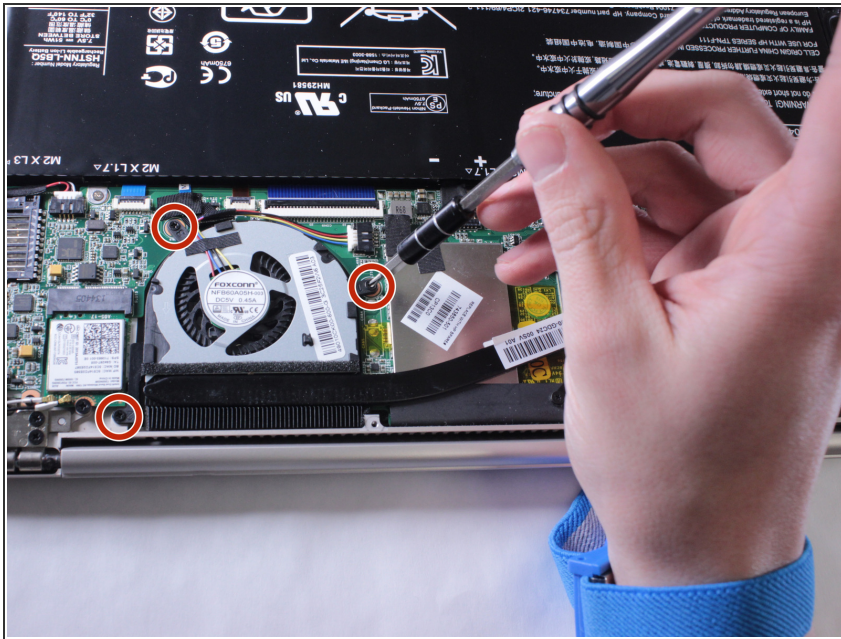
## Step 5



- Gently lift up the battery and remove using the plastic opening tools.



## Step 6 — Fan



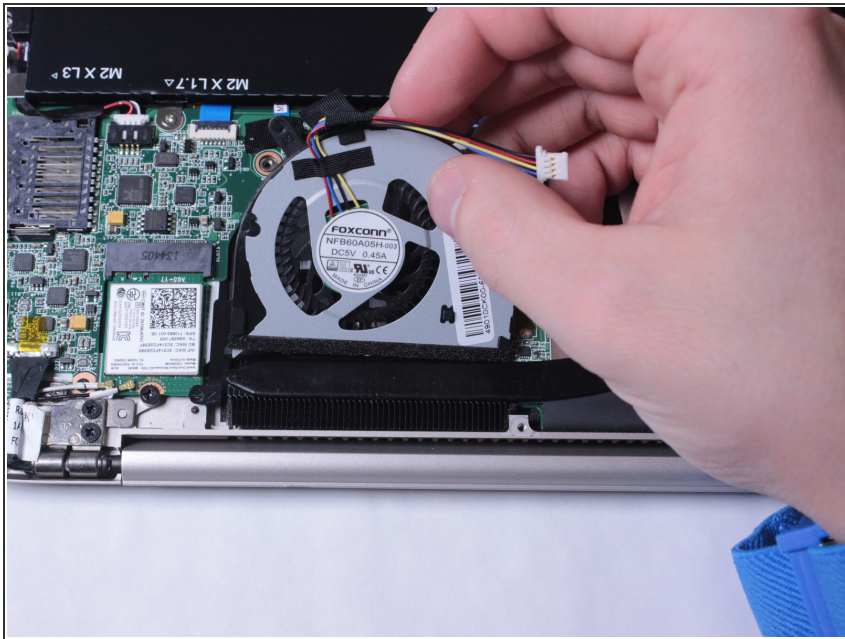
- Unscrew three 2.0 mm screws using the Phillips Head #0

## Step 7



- Disconnect the plug.

## Step 8



- Remove the fan.

To reassemble your device, follow these instructions in reverse order.

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